

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:36
S2	1	"20070143078".pn.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:39
S3	96	(poly\$1technique with lausanne).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:44
S4	96	(polytechnique with lausanne).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:45
S5	131	(polytechnique with ecole).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:45
S6	4	(polytechnique with ecole with federal).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:45
S7	96	(polytechnique with ecole with lausanne).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:45
S8	35	(polytechnique with ecole).as. NOT (LAUSANNE).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:45
S9	2730	(qualcomm).as.	US-PGPUB; USPAT	AND	ON	2008/02/12 17:48
S10	3	((qualcomm).as. and (sampling with (spread\$1spectrum or (spread with spectrum))))	US-PGPUB; USPAT	AND	ON	2008/02/12 17:48
S11	2	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and (sampling with (spread\$1spectrum or (spread with spectrum))))	US-PGPUB; USPAT	AND	ON	2008/02/12 17:50
S12	2	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and (samlp\$3 with (spread\$1spectrum or (spread with spectrum))))	US-PGPUB; USPAT	AND	ON	2008/02/12 17:50
S13	4	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and shannon\$3	US-PGPUB; USPAT	AND	ON	2008/02/12 17:55
S14	3	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and (shannon\$3 with (smaller or lower))	US-PGPUB; USPAT	AND	ON	2008/02/12 18:02
S15	0	(polytechnique with ecole with lausanne).as. and shannon\$3	US-PGPUB; USPAT	AND	ON	2008/02/12 18:03

S16	33	((qualcomm).as. and shannon\$3	US-PGPUB; USPAT	AND	ON	2008/02/12 18:20
S17	4	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and (rate with innovat\$3)	US-PGPUB; USPAT	AND	ON	2008/02/12 18:29
S18	6	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and (degree\$1 with free\$1dom\$1)	US-PGPUB; USPAT	AND	ON	2008/02/14 11:59
S19	349	sub\$1nyquist or sub\$1shannon\$1	US-PGPUB; USPAT	AND	ON	2008/02/14 12:06
S20	301	(sub\$1nyquist or sub\$1shannon\$1) with sampling	US-PGPUB; USPAT	AND	ON	2008/02/14 12:07
S21	12	(sub\$1nyquist or sub\$1shannon\$1) with sampling and (cdma or W\$1cdma)	US-PGPUB; USPAT	AND	ON	2008/02/14 12:07
S22	13	(sub\$1nyquist or sub\$1shannon\$1) with sampling and (cdma or W\$1cdma or ultra\$1wide\$1band)	US-PGPUB; USPAT	AND	ON	2008/02/14 12:09
S23	15	(sub\$1nyquist or sub\$1shannon\$1) with sampling and (cdma or W\$1cdma or ultra\$1wide\$1band or (ultra with wide\$1band) or (ultra with wide with band))	US-PGPUB; USPAT	AND	ON	2008/02/14 12:09
S24	1835	(sub\$1nyquist or ((sub or below or under or lower) near5 nyquist))	US-PGPUB; USPAT	AND	ON	2008/02/14 12:48
S25	111	(sub\$1nyquist or ((sub or below or under or lower) near5 nyquist)) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 12:49
S26	107	(sub\$1nyquist or ((sub or below or under or lower) near5 nyquist)) and cdma and sampl\$3	US-PGPUB; USPAT	AND	ON	2008/02/14 12:49
S27	57	((sub\$1nyquist or ((sub or below or under or lower) near5 nyquist) or sub\$1shannon or ((sub or below or under or lower) near5 nyquist)) with sampl\$3) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 12:55
S28	507	(rate with innovation)	US-PGPUB; USPAT	AND	ON	2008/02/14 13:10
S29	28	(rate with innovation) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 13:10
S30	19	(rate with innovation) and cdma and sampl\$3	US-PGPUB; USPAT	AND	ON	2008/02/14 13:11
S31	2426	(degree\$1 near3 freedom) same sampl\$3	US-PGPUB; USPAT	AND	ON	2008/02/14 13:16
S32	67	(degree\$1 near3 freedom) same sampl\$3 and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 13:16
S33	27	(degree\$1 near3 freedom) same sampl\$3 and cdma and (nyquist or shannon)	US-PGPUB; USPAT	AND	ON	2008/02/14 13:32

S34	62	sampling with (below or under or sub) with chip with rate	US-PGPUB; USPAT	AND	ON	2008/02/14 13:44
S35	22	("2"\$1D\$1rake or ("2"\$1D near rake))	US-PGPUB; USPAT	AND	ON	2008/02/14 14:12
S36	12	(sub\$1nyquist or sub\$1shannon\$1) with sampling and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 16:23
S37	700	((chip near2 (rate or frequenc\$3)) with sampling) and (cdma or W\$1cdma or ultra\$1wide\$1band or (ultra with wide\$1band) or (ultra with wide with band))	US-PGPUB; USPAT	AND	ON	2008/02/14 16:25
S38	38	(sampling near3 (below or under or sub)) with (chip with (rate or frequency or time))	US-PGPUB; USPAT	AND	ON	2008/02/14 16:27
S39	18	(sampling near3 (below or under or sub)) with (chip with (rate or frequency or time)) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 16:27
S40	19	(sampling near3 (below or under or sub)) with (chip with (rate or frequency or time)) and (cdma or uwb)	US-PGPUB; USPAT	AND	ON	2008/02/14 16:28
S41	1	"5818866".pn.	US-PGPUB; USPAT	AND	ON	2008/02/14 16:38
S42	1	"5818866".pn. and (chip with rate with sampling)	US-PGPUB; USPAT	AND	ON	2008/02/14 16:38
S43	85	(sampl\$3 with at with chip with rate)	US-PGPUB; USPAT	AND	ON	2008/02/14 17:14
S44	27	(sampl\$3 with at with chip with rate) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/14 17:16
S45	27	(sampl\$3 with at with chip with rate) and cdma and (chip with rate)	US-PGPUB; USPAT	AND	ON	2008/02/14 17:23
S46	1	(sampl\$3 with at with chip with rate) and cdma and (chip with rate) and "6904079".pn.	US-PGPUB; USPAT	AND	ON	2008/02/14 17:32
S47	5	sampling and marziliano.in.	US-PGPUB; USPAT	AND	ON	2008/02/14 18:33
S48	1	"6650688".pn.	US-PGPUB; USPAT	AND	ON	2008/02/14 19:34
S49	1	"6470023".pn.	US-PGPUB; USPAT	AND	ON	2008/02/14 21:39
S50	623	degrees near2 freedom and cdma	US-PGPUB; USPAT	NEAR	OFF	2008/02/14 21:41
S51	623	(degrees near2 freedom) and cdma	US-PGPUB; USPAT	NEAR	OFF	2008/02/14 21:41
S52	620	(degrees near freedom) and cdma	US-	NEAR	OFF	2008/02/14

			PGPUB; USPAT			21:41
S53	17	((degrees near freedom) with cdma	US- PGPUB; USPAT	NEAR	OFF	2008/02/14 21:43
S54	17	((degrees near freedom) with cdma) and cdma and ((degrees near freedom)	US- PGPUB; USPAT	NEAR	OFF	2008/02/14 21:45
S55	2	((innovation or (degree near freedom)) with (amplitude and location)	US- PGPUB; USPAT	NEAR	OFF	2008/02/14 22:17
S56	4139	((innovation or (degree near freedom)) with (amplitude or time or location))	US- PGPUB; USPAT	NEAR	OFF	2008/02/14 22:19
S57	186	((innovation or (degree near freedom)) with (amplitude or time or location)) and (cdma or spread\$1spectrum or (spread with spectrum))	US- PGPUB; USPAT	NEAR	OFF	2008/02/14 22:19
S58	1	"20020051433".pn.	US- PGPUB; USPAT	AND	ON	2008/02/15 19:16
S59	67	"375".clas. and (sinc near filter\$3)	US- PGPUB; USPAT	AND	ON	2008/02/15 20:20
S61	112	"375".clas. and (gaussian near filter\$3) and cdma	US- PGPUB; USPAT	AND	ON	2008/02/15 20:21
S62	274	(455/193.1).cols.	US- PGPUB; USPAT	AND	ON	2008/02/15 22:46
S63	2681	((moving or turning) near2 antenna)	US- PGPUB; USPAT	AND	ON	2008/02/15 22:47
S64	240	((moving or turning) near2 antenna) and cdma	US- PGPUB; USPAT	AND	ON	2008/02/15 22:47
S65	25	((turning) near2 antenna) and cdma	US- PGPUB; USPAT	AND	ON	2008/02/15 22:47
S66	1162	((multi\$1carrier near2 (cdma or code)) or mc\$1cdma)	US- PGPUB; USPAT	AND	ON	2008/02/15 22:50
S67	186	((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and rake	US- PGPUB; USPAT	AND	ON	2008/02/15 22:51
S68	65	((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and rake and (\$1fft or \$1dft)	US- PGPUB; USPAT	AND	ON	2008/02/16 00:18
S69	1162	((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma)	US- PGPUB; USPAT	AND	ON	2008/02/16 01:41
S70	396	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma)	US- PGPUB; USPAT	AND	ON	2008/02/16 01:41
S71	0	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US- PGPUB;	AND	ON	2008/02/16 02:05

		and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and (\$1fft adj de\$1spread\$3)	USPAT			
S72	1	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and (\$1fft adj5 de\$1spread\$3)	US-PGPUB; USPAT	AND	ON	2008/02/16 02:05
S73	3	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and (\$1fft with de\$1spread\$3)	US-PGPUB; USPAT	AND	ON	2008/02/16 02:06
S74	8	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and (fourier with de\$1spread\$3)	US-PGPUB; USPAT	AND	ON	2008/02/16 02:08
S75	22	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((multi\$1carrier near2 (cdma or code)) or mc\$1cdma) and (fourier same de\$1spread\$3)	US-PGPUB; USPAT	AND	ON	2008/02/16 02:13
S76	429	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (direction near2 arrival) and cdma	US-PGPUB; USPAT	AND	ON	2008/02/16 02:21
S77	1	"20030123384".pn.	US-PGPUB; USPAT	AND	ON	2008/02/16 17:18
S78	1	"20020051433".pn.	US-PGPUB; USPAT	AND	ON	2008/02/16 17:35
S79	1	"20020051433".pn.	US-PGPUB; USPAT	AND	ON	2008/02/18 10:59
S80	1	"20030123384".pn.	US-PGPUB; USPAT	AND	ON	2008/02/18 11:01
S81	6102	((ultra with wide with band) or (ultra with wide\$1band) or ultra\$1wide\$1band)	US-PGPUB; USPAT	AND	ON	2008/02/18 11:42
S82	42	((ultra with wide with band) or (ultra with wide\$1band) or ultra\$1wide\$1band) and CDMA and @ad<"20010315"	US-PGPUB; USPAT	AND	ON	2008/02/18 11:42
S83	1	"20070183535".pn.	US-PGPUB; USPAT	AND	ON	2008/02/18 11:48
S84	8395	(370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	OFF	2008/02/18 15:15
S85	364	S84 and S81	US-PGPUB; USPAT	AND	ON	2008/02/18 15:15
S86	6	(qualcomm).as. and shannon\$3 (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:15
S87	9	(sampling near3 (below or under or sub)) with (chip with (rate or frequency or time))	US-PGPUB;	AND	ON	2008/02/18 15:15

		and cdma (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	USPAT			
S88	35	((moving or turning) near2 antenna) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:16
S89	12	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((mult\$1carrier near2 (cdma or code)) or mc\$1cdma) and (fourier same de\$1spread\$3) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:16
S90	243	((mult\$1carrier near2 (cdma or code)) or mc\$1cdma) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:16
S91	123	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and ((mult\$1carrier near2 (cdma or code)) or mc\$1cdma) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:16
S92	22	((mult\$1carrier near2 (cdma or code)) or mc\$1cdma) and rake and (\$1fft or \$1dft) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:16
S93	1	(sub\$1nyquist or sub\$1shannon\$1) with sampling and (cdma or W\$1cdma or ultra\$1wide\$1band) (370/310,320,324,319,491 or 375/130,136,140,141-148,152).cds.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:17
S94	5	("7218666" or "20020051433" or "7076168" or "5852630" or "6370129").pn.	US-PGPUB; USPAT	AND	ON	2008/02/18 15:19
S95	1065	bandwidth with expanding	US-PGPUB; USPAT	AND	ON	2008/09/14 22:12
S96	1	"20070183535".pn.	US-PGPUB; USPAT	AND	ON	2008/09/14 22:31
S97	272	Shannon near sampling	US-PGPUB; USPAT	AND	ON	2008/09/14 22:44
S98	479	Shannon with sampling	US-PGPUB; USPAT	AND	ON	2008/09/14 22:44
S99	351	Shannon with sampling and (@ad<"20031007" or @pd<"20031007" or @rlad<"20031007" or @prad<"20031007")	US-PGPUB; USPAT	AND	ON	2008/09/14 22:44
S100	53	Shannon with sampling and (@ad<"20031007" or @pd<"20031007" or @rlad<"20031007" or @prad<"20031007") and (wireless or cdma or ofdm)	US-PGPUB; USPAT	AND	ON	2008/09/14 22:45
S101	27	Shannon with sampling and (@ad<"20010326" or @pd<"20010326" or @rlad<"20010326" or @prad<"20010326") and (wireless or cdma or ofdm)	US-PGPUB; USPAT	AND	ON	2008/09/14 22:46
S102	1235	over\$1sampling (@ad<"20010326" or @pd<"20010326" or @rlad<"20010326" or @prad<"20010326") and (wireless or cdma or ofdm)	US-PGPUB; USPAT	AND	ON	2008/09/14 22:53

S103	4	over\$1sampling with benefits(@ad<"20010326" or @pd<"20010326" or @rlad<"20010326" or @prad<"20010326") and (wireless or cdma or oldm)	US-PGPUB; USPAT	AND	ON	2008/09/14 22:53
S104	9415	(375/240,240.01,240.21,354-355,E7.188,130,140,147).CCLS	US-PGPUB; USPAT	AND	ON	2008/09/15 00:51
S105	18	Shannon with sampling and (@ad<"20031007" or @pd<"20031007" or @rlad<"20031007" or @prad<"20031007") (375/240,240.01,240.21,354-355,E7.188,130,140,147).CCLS	US-PGPUB; USPAT	AND	ON	2008/09/15 00:51
S106	147	over\$1sampling (@ad<"20010326" or @pd<"20010326" or @rlad<"20010326" or @prad<"20010326") and (wireless or cdma or oldm) (375/240,240.01,240.21,354-355,E7.188,130,140,147).CCLS	US-PGPUB; USPAT	AND	ON	2008/09/15 00:51
S107	2	"20040252804"	US-PGPUB; USPAT	AND	ON	2008/09/15 01:08
S108	1	"20020054411".pn.	US-PGPUB; USPAT	AND	ON	2008/11/24 19:01
S109	1	"4556866".pn.	US-PGPUB; USPAT	AND	ON	2008/11/25 13:12
S110	22708	(sub\$1saml\$3 or under\$1saml\$3 or (sub near saml\$3) or (under near saml\$3)) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:33
S111	232	(sub\$1saml\$3 or under\$1saml\$3 or (sub near saml\$3) or (under near saml\$3)) with (nyquist) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:34
S112	258	(sub\$1nyquist) with saml\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:40
S113	0	(under\$1nyquist) with saml\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:42
S114	0	(sub\$1shannon) with saml\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:42
S115	319	(shannon) with saml\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:42
S116	319	(shannon\$3) with saml\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 17:42
S117	234	(sub\$1saml\$3 or under\$1saml\$3 or (sub near saml\$3) or (under near saml\$3)) with (nyquist or shannon) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/09 18:27
S118	22	(under near nyquist) with saml\$3 and	US-	AND	ON	2009/03/09

		((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	PGPUB; USPAT			18:28
S119	261	(sub near nyquist) with samp\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	US-PGPUB; USPAT	AND	ON	2009/03/09 18:34
S120	296	(sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or (under near shannon) or (sub near shannon)) with samp\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	US-PGPUB; USPAT	AND	ON	2009/03/09 18:38
S121	234	(sub\$1samp\$3 or under\$1samp\$3 or (sub near samp\$3) or (under near samp\$3)) with (nyquist or shannon) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	US-PGPUB; USPAT	AND	ON	2009/03/09 18:38
S122	475	S120 or S121	US-PGPUB; USPAT	AND	ON	2009/03/09 18:38
S123	164	S122 and (pseudo or spread\$3 or cdma or uwb or wide\$1band)	US-PGPUB; USPAT	AND	ON	2009/03/09 18:39
S124	2012	samp\$3 with optimiz\$7 with (rate or frequenc\$3)	US-PGPUB; USPAT	AND	ON	2009/03/09 18:50
S125	1086	samp\$3 with optimiz\$7 with (rate or frequenc\$3) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	US-PGPUB; USPAT	AND	ON	2009/03/09 18:50
S126	44	samp\$3 with optimiz\$7 with (rate or frequenc\$3) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")) and cdma	US-PGPUB; USPAT	AND	ON	2009/03/09 18:50
S127	751	((((sub\$1samp\$3 or under\$1samp\$3 or (sub near samp\$3) or (under near samp\$3)) with (nyquist or shannon)) OR ((sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or (under near shannon) or (sub near shannon)) with samp\$3))	US-PGPUB; USPAT	AND	ON	2009/03/09 19:00
S128	475	((((sub\$1samp\$3 or under\$1samp\$3 or (sub near samp\$3) or (under near samp\$3)) with (nyquist or shannon)) OR ((sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or (under near shannon) or (sub near shannon)) with samp\$3)) AND (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326"))	US-PGPUB; USPAT	AND	ON	2009/03/09 19:00
S130	2	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")) AND (((sub\$1samp\$3 or under\$1samp\$3 or (sub near samp\$3) or (under near samp\$3)) with (nyquist or shannon)) OR ((sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or	US-PGPUB; USPAT	AND	ON	2009/03/09 19:01



		(under near shannon) or (sub near shannon)) with sampl\$3)) with (optimiz\$7 or optimis\$7)				
S131	5	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (((sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) with (nyquist or shannon)) OR ((sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or (under near shannon) or (sub near shannon)) with sampl\$3)) with advantag\$3	US-PGPUB; USPAT	AND	ON	2009/03/09 19:01
S132	153	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND sampling with (baud or symbol) near (frequency or rate) and cdma	US-PGPUB; USPAT	AND	ON	2009/03/09 19:27
S133	17	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND sampling with (baud or symbol) near (frequency or rate) with (chip\$1 near (rate or frequenc\$3 or tim\$2 or timing))	US-PGPUB; USPAT	AND	ON	2009/03/09 19:43
S134	3	("20040057593" or "4716453" or "6507603").pn.	US-PGPUB; USPAT	AND	ON	2009/03/10 10:02
S135	29	Shannon with sampling with band\$1width and (@ad<"20031007" or @pd<"20031007" or @rlad<"20031007" or @prad<"20031007")	US-PGPUB; USPAT	AND	ON	2009/03/10 10:04
S136	10	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND sampling with shannon and cdma	US-PGPUB; USPAT	AND	ON	2009/03/10 10:50
S137	21	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND sampling with shannon and (cdma or ((spread near spectrum) or spread\$1spectrum) or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 10:50
S138	21	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND sampling with shannon\$3 and (cdma or ((spread near spectrum) or spread\$1spectrum) or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 10:51
S139	1	"20020051433".pn.	US-PGPUB; USPAT	AND	ON	2009/03/10 11:48
S140	2	("6792267" OR "5302950").PN.	US-PGPUB; USPAT	AND	ON	2009/03/10 11:52
S141	1	"6975666".pn.	US-PGPUB; USPAT	AND	ON	2009/03/10 12:08
S142	29	("5341395"   "5363403"   "5467368"   "5553062"   "5563610"   "5621752"   "5648968"   "5719852"   "5734647"   "5761237"   "5799004"   "5845208"   "5859879"   "5862124"   "5867411"   "5872776"   "5887034"   "6006110"   "6067290"   "6097771"   "6240098").PN. OR ("6975666").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/10 12:08

S143	12	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (((sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) with (nyquist or shannon)) OR ((sub\$1nyquist or (sub near nyquist) or under\$1nyquist or (under near nyquist) or sub\$1shannon or under\$1shannon or (under near shannon) or (sub near shannon)) with sampl\$3)) and (cdma or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 13:18
S144	45	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (adaptiv\$5 or select\$7 or dynamic\$3) with (sub\$1sampl\$3 or under\$1sampl\$3) and (cdma or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 13:28
S145	57	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (adaptiv\$5 or select\$7 or dynamic\$3) with sampl\$3 near\$3 chip near\$2 (time or period or frequenc\$3 or rate)	US-PGPUB; USPAT	AND	ON	2009/03/10 13:54
S146	23	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3) and (cdma or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 14:00
S147	30	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) and (cdma or uwb)	US-PGPUB; USPAT	AND	ON	2009/03/10 14:01
S148	54	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) and (spread\$3 near spectrum)	US-PGPUB; USPAT	AND	ON	2009/03/10 14:38
S149	16	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) and (spread\$3 near spectrum) with chip	US-PGPUB; USPAT	AND	ON	2009/03/10 14:38
S150	23	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) and (spread\$3 near spectrum) with (chip or code)	US-PGPUB; USPAT	AND	ON	2009/03/10 14:38
S151	135	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3) or harmonic\$1) and (spread\$3 near spectrum) with (chip or code)	US-PGPUB; USPAT	AND	ON	2009/03/10 14:40

S152	22	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1saml\$3 or under\$1saml\$3 or (sub near saml\$3) or (under near saml\$3) or harmonic\$1) with (chip or code) and (spread\$3 near spectrum))	US-PGPUB; USPAT	AND	ON	2009/03/10 14:40
S153	2	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (fraction\$3) with (sub\$1saml\$3 or under\$1saml\$3 or (sub near saml\$3) or (under near saml\$3) or harmonic\$1) with (chip or code) and (spread\$3 near spectrum))	US-PGPUB; USPAT	AND	ON	2009/03/10 15:01
S154	382	(sub\$1saml\$3 or under\$1saml\$3) with optim\$7	US-PGPUB; USPAT	AND	ON	2009/03/11 17:23
S155	138	(sub\$1saml\$3 or under\$1saml\$3) near3 optim\$7	US-PGPUB; USPAT	AND	ON	2009/03/11 17:23
S156	40	(sub\$1saml\$3 or under\$1saml\$3) near3 optim\$7 and antenna	US-PGPUB; USPAT	AND	ON	2009/03/11 17:26
S157	35	(sub\$1saml\$3 or under\$1saml\$3) and ((multi\$1carrier with CDMA) OR MC\$1CDMA)	US-PGPUB; USPAT	AND	ON	2009/03/11 17:34
S158	23	(sub\$1saml\$3 or under\$1saml\$3) and ((multi\$1carrier with CDMA) OR MC\$1CDMA) AND (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/11 17:34
S159	1	"20030123384".pn.	US-PGPUB; USPAT	AND	ON	2009/03/11 17:40
S160	1	"6512737".pn.	US-PGPUB; USPAT	AND	ON	2009/03/11 17:42
S161	0	(sub\$1saml\$3 or under\$1saml\$3 or (under near saml\$3 or (sub near saml\$3)) with (nyquist or shannon)) and multi\$1code same (fourier or fft or dft) AND (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/11 17:46
S162	15880	(sub\$1saml\$3 or under\$1saml\$3 or (under near saml\$3 or (sub near saml\$3)) with (nyquist or shannon))	US-PGPUB; USPAT	AND	ON	2009/03/11 17:47
S163	8744	(sub\$1saml\$3 or under\$1saml\$3 or (under near saml\$3 or (sub near saml\$3)) with (nyquist or shannon)) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/11 17:47
S164	2	(sub\$1saml\$3 or under\$1saml\$3 or (under near saml\$3 or (sub near saml\$3)) with (nyquist or shannon)) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and cdma and multi\$1code	US-PGPUB; USPAT	AND	ON	2009/03/11 17:47
S165	48	(sub\$1saml\$3 or under\$1saml\$3 or (under	US-	AND	ON	2009/03/11

		near sampl\$3 or (sub near sampl\$3)) with (nyquist or shannon)) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and cdma and multi\$1carrier	PGPUB; USPAT			17:48
S166	3753	(inter\$1lac\$3 or derivat\$3) near3 sampl\$3	US-PGPUB; USPAT	AND	ON	2009/03/11 19:37
S167	2337	(inter\$1lac\$3 or derivat\$3) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/11 19:37
S168	159	(inter\$1lac\$3 or derivat\$3) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and antenna\$1	US-PGPUB; USPAT	AND	ON	2009/03/11 19:38
S169	164	(inter\$1lac\$3 or derivat\$3) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (antenna\$1 or cdma)	US-PGPUB; USPAT	AND	ON	2009/03/11 19:38
S170	22	(inter\$1lac\$3 or derivat\$3) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (antenna\$1 or cdma) and (nyquist\$3 or shannon\$3)	US-PGPUB; USPAT	AND	ON	2009/03/11 19:40
S171	161	(degree\$1 near2 freedom) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/11 19:42
S172	11	(degree\$1 near2 freedom) near3 sampl\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (antenna\$1 or cdma)	US-PGPUB; USPAT	AND	ON	2009/03/11 19:42
S173	539	(degree\$1 near2 freedom) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma)	US-PGPUB; USPAT	AND	ON	2009/03/11 19:44
S174	25	(degree\$1 near2 freedom) with (symbol or baud) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma)	US-PGPUB; USPAT	AND	ON	2009/03/11 19:44
S175	1	"20020051433".pn.	US-PGPUB; USPAT	AND	ON	2009/03/12 12:57
S176	73	cdma and (fft or fourier) same (rake or finger or (delay near2 spread)) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 13:32
S177	2864	(cdma or "802.11"\$1b) and train\$3 and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 13:40
S178	1154	(cdma or "802.11"\$1b) and train\$3 with (sequenc\$3 or symbol\$1) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 13:41
S179	1003	(cdma) and train\$3 near2 (sequenc\$3 or symbol\$1) and (@pd<"20010326" or	US-PGPUB;	AND	ON	2009/03/12 13:41

		@ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	USPAT			
S180	961	(cdma) and training near2 (sequenc\$3 or symbol\$1) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 13:41
S181	153	(cdma) same training near2 (sequenc\$3 or symbol\$1) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 13:41
S182	1	"20030123384".pn.	US-PGPUB; USPAT	AND	ON	2009/03/12 14:09
S183	1	"7218666".pn.	US-PGPUB; USPAT	AND	ON	2009/03/12 14:14
S184	10	rake with (fourier or fft or dft) and pseudo and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 14:32
S185	2	finger with (fourier or fft or dft) and pseudo and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 14:34
S186	16	rake same (fourier or fft or dft) and pseudo and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2009/03/12 14:34
S187	1	"20030123384".pn.	US-PGPUB; USPAT	AND	ON	2009/03/13 08:03
S188	1	"5465269".pn.	US-PGPUB; USPAT	AND	ON	2009/03/13 08:40
S189	161	rake with combin\$3 with frequency	US-PGPUB; USPAT	AND	ON	2009/03/13 08:44
S190	1	"6154443".pn.	US-PGPUB; USPAT	AND	ON	2009/03/13 08:51
S191	1713	uwb with power	US-PGPUB; USPAT	AND	ON	2009/03/13 09:48
S192	48	uwb with power and @ad<"20010101"	US-PGPUB; USPAT	AND	ON	2009/03/13 09:49
S193	65	(cdma) same training near2 (sequenc\$3 or symbol\$1) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US-PGPUB; USPAT	AND	ON	2009/03/13 10:11
S194	3	rake same (fourier or fft or dft) and pseudo and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US-PGPUB; USPAT	AND	ON	2009/03/13 10:11
S195	1	rake with (fourier or fft or dft) and pseudo and (@pd<"20010326" or @ad<"20010326"	US-PGPUB;	AND	ON	2009/03/13 10:11

		or @prad<"20010326" or @rlad<"20010326") (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	USPAT			
S196	8	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") AND (scal\$3 or factor or interger or multipl\$3) with (sub\$1sampl\$3 or under\$1sampl\$3 or (sub near sampl\$3) or (under near sampl\$3)) and (spread\$3 near spectrum) with (chip or code) (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US-PGPUB; USPAT	AND	ON	2009/03/13 10:11
S197	65	(cdma) same training near2 (sequenc\$3 or symbol\$1) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US-PGPUB; USPAT	AND	ON	2009/03/13 10:11
S198	2	((irena with maravic) or (martin with vetterli) or (julius with kusuma)).in. and ((polytechnique with ecole with lausanne) or qualcomm).as.	US-PGPUB; USPAT	AND	ON	2009/03/13 10:23
S199	1	"6710646".pn.	US-PGPUB; USPAT	AND	ON	2009/08/27 16:44
S200	1230	below with nyquist	US-PGPUB; USPAT	AND	ON	2009/08/27 17:17
S201	1127	below with chip same sampl\$3	US-PGPUB; USPAT	AND	ON	2009/08/27 17:17
S202	174	below with chip same sampl\$3 and (pseudo or cdma)	US-PGPUB; USPAT	AND	ON	2009/08/27 17:18
S203	176	below with chip same sampl\$3 and (pseudo or \$2cdma)	US-PGPUB; USPAT	AND	ON	2009/08/27 17:18
S204	98	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and below with chip same sampl\$3 and (pseudo or \$2cdma)	US-PGPUB; USPAT	AND	ON	2009/08/27 17:18
S205	98	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and below with chip same sampl\$3 and (pseudo or \$2cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/27 17:18
S206	1475	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and symbol with sampl\$3 and (\$2cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/27 17:35
S207	963	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and symbol near3 sampl\$3 and (\$2cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/27 17:35
S208	601	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and symbol near3 sampl\$3 and chip and (\$2cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/27 17:36
S209	193	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and symbol near3 sampl\$3 and chip and	US-PGPUB; USPAT;	AND	ON	2009/08/27 17:36

		(\$2cdma) and (nyquist\$3 or shannon\$3)	USOCR			
S210	1	"20040057593".pn.	US- PGPUB; USPAT	AND	ON	2009/08/27 18:13
S211	35	("20040057593" or "6507603" or "4716453")	US- PGPUB; USPAT	AND	ON	2009/08/27 19:00
S212	1	("20040057593" or "6507603" or "4716453")".pn"	US- PGPUB; USPAT	AND	ON	2009/08/27 19:00
S213	3	("20040057593" or "6507603" or "4716453").pn.	US- PGPUB; USPAT	AND	ON	2009/08/27 19:01
S214	3	("20040057593" or "6507603" or "4716453").pn.	US- PGPUB; USPAT	AND	ON	2010/05/26 16:01
S215	37	sampling with chip with less with (frequency or rate)	US- PGPUB; USPAT	AND	ON	2010/05/26 16:32
S216	27	sampling with chip with under with (frequency or rate)	US- PGPUB; USPAT	AND	ON	2010/05/26 17:07
S217	40	sampling same degrees near2 freedom and CDMA	US- PGPUB; USPAT	AND	ON	2010/05/26 17:11
S218	17	sampling same degrees near2 freedom and CDMA (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US- PGPUB; USPAT	AND	ON	2010/05/26 17:46
S219	7	cdma and sampling with (frequency or rate) with tolerance	US- PGPUB; USPAT	AND	ON	2010/06/18 20:26
S220	11	cdma and sampling with (frequency or rate) with slip\$1	US- PGPUB; USPAT	AND	ON	2010/06/18 20:28
S221	32	cdma and sampling with (frequency or rate) with ppm	US- PGPUB; USPAT	AND	ON	2010/06/18 20:29
S222	48	cdma and sampling with (frequency or rate) with drift	US- PGPUB; USPAT	AND	ON	2010/06/18 20:32
S223	6	cdma and sampling with (frequency or rate) with (drift or slip) with (below or under) with (chip or carrier)	US- PGPUB; USPAT	AND	ON	2010/06/18 20:36
S224	4	sampling with (frequency or rate) with (drift or slip) with (below or under) with (carrier)	US- PGPUB; USPAT	AND	ON	2010/06/18 20:44
S225	4	sampling with (frequency or rate) with (drift or slip or tolerance) with (below or under) with (carrier)	US- PGPUB; USPAT	AND	ON	2010/06/18 20:44
S226	6	sampling with (frequency or rate) with (drift or slip or tolerance) with (below or under or lower) with (carrier)	US- PGPUB; USPAT	AND	ON	2010/06/18 20:44
S227	1	"20040057593".pn.	US- PGPUB; USPAT	AND	ON	2010/06/18 20:56
S228	1756	sampling with fluctuation	US- PGPUB;	AND	ON	2010/06/18 21:25

			USPAT			
S229	1382	oscillator with frequency with fluctuation	US- PGPUB; USPAT	AND	ON	2010/06/18 21:28
S230	178	oscillator with frequency near2 fluctuation same tempera\$6	US- PGPUB; USPAT	AND	ON	2010/06/18 21:31
S231	29	oscillator with frequency near2 fluctuation same accuracy	US- PGPUB; USPAT	AND	ON	2010/06/18 21:44
S232	0	oscillator with all with frequency with (tolerance or fluctuation)	US- PGPUB; USPAT	AND	ON	2010/06/18 21:49
S233	8971	lower\$3 with sampling with (rate or frequency)	US- PGPUB; USPAT	AND	ON	2010/08/31 16:48
S234	5029	lower\$3 near3 sampling near (rate or frequency)	US- PGPUB; USPAT	AND	ON	2010/08/31 16:48
S235	2384	lower\$3 near3 sampling near (rate or frequency) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US- PGPUB; USPAT	AND	ON	2010/08/31 16:48
S236	3	sub\$1sampling	USOCR	AND	ON	2010/08/31 16:58
S237	65	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist)	USOCR	AND	ON	2010/08/31 16:58
S238	434	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) with adjust\$7	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:00
S239	347	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) with adjust\$7 not "348".clas.	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:05
S240	9	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) with adjust\$7 with power not "348".clas.	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:07
S241	21	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) with power with dissipation	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:23
S242	35	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) same power with dissipation	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:25
S243	415	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) and power with dissipation	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:25
S244	56	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) same2 power with dissipation	US- PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:25
S245	87	(sub\$1sampl\$3 or under\$1sampl\$3 or sub\$1nyquist or under\$1nyquist) with power with consumption	US- PGPUB; USPAT;	AND	ON	2010/08/31 17:28



			EPO			
S246	152	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) and cdma (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:31
S247	52	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) same carrier and (cdma or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:36
S248	52	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) same carrier and (cdma\$1 or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:38
S249	1750	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same carrier and (cdma\$1 or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:47
S250	451	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same two with chip and (cdma\$1 or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:47
S251	118	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same two near2 chip and (cdma\$1 or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:48
S252	6	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same two near2 chip with (greater or more) and (cdma\$1 or spread near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 17:59
S253	6	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same two near2 chip with (greater or more) and (cdma\$1 or spread\$1 near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 18:00
S254	828	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist or samp1\$3) same minimum and (cdma\$1 or spread\$1 near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 18:03
S255	0	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) with minimum and (cdma\$1 or spread\$1 near spectr\$4) (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 18:03
S256	455	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) with minimum	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 18:03
S257	108	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) with minimum (@ad<"20010326" or @pd<"20010326")	US-PGPUB; USPAT; EPO	AND	ON	2010/08/31 18:04
S258	13	(sub\$1samp1\$3 or under\$1samp1\$3 or sub\$1nyquist or under\$1nyquist) with	US-PGPUB;	AND	ON	2010/08/31 18:04

		minimum (@pd<"20010326" or @pd<"20010326") and pseudo	USPAT; EPO			
S259	16	shannon with (under\$1saml\$3 or sub\$1saml\$3)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:02
S260	46	(shannon or bandwidth) with (under\$1saml\$3 or sub\$1saml\$3) and (cdma or spread adj spectrum or DSSS)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:04
S261	535	ultra adj3 saml\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 17:16
S262	45	ultra adj3 saml\$3 with low	US-PGPUB; USPAT	AND	ON	2010/09/02 17:40
S263	18	ultra adj3 saml\$3 with low (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 17:41
S264	271	ultra adj3 saml\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 17:41
S265	28	ultra adj3 saml\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma or pseudo or pn or prn or spread near spectrum\$1)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:41
S266	450	bandwidth adj3 saml\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma or pseudo or pn or prn or spread near spectrum\$1)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:43
S267	136	bandwidth adj3 saml\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:57
S268	546	symbol adj3 saml\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:58
S269	0	symbol adj3 saml\$3 with (frequenc\$3or rate\$1) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:58
S270	0	symbol adj3 saml\$3 with (frequenc\$3or rate\$1) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma or spread near spectrum)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:58
S271	210	symbol adj3 saml\$3 with (frequenc\$3 or rate\$1) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (cdma or spread near spectrum)	US-PGPUB; USPAT	AND	ON	2010/09/02 17:58
S272	9571	sampling with thresholds	US-PGPUB; USPAT	AND	ON	2010/09/02 18:42
S273	3	("6507603" or "4716453" or "20040057593").pn.	US-PGPUB; USPAT	AND	ON	2010/09/02 18:43
S274	71	sampling with thresholds with between and cdma	US-PGPUB; USPAT	AND	ON	2010/09/02 18:52

S275	47	sampling with thresholds with between and cdma (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 18:53
S276	0	sampling with thresholds with in\$1between (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	OFF	2010/09/02 18:56
S277	39	sampling with in\$1between (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	OFF	2010/09/02 18:56
S278	12	sampling with in adj between (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	OFF	2010/09/02 18:57
S279	373	sampling with thresholds (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	OFF	2010/09/02 18:57
S280	2	sampling near5 thresholds (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and cdma	US-PGPUB; USPAT	AND	OFF	2010/09/02 18:57
S281	10	(sub\$1samp1\$3 or under\$1samp1\$3) with minimiz\$7 with alias\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 19:46
S282	175	(sub\$1samp1\$3 or under\$1samp1\$3) and minimiz\$7 with alias\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 19:48
S283	81	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (sub\$1samp1\$3 or under\$1samp1\$3) and minimiz\$7 with alias\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 19:48
S284	8	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (sub\$1samp1\$3 or under\$1samp1\$3) and minimiz\$7 with alias\$3 and antenna	US-PGPUB; USPAT	AND	ON	2010/09/02 19:48
S285	103	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (sub\$1samp1\$3 or under\$1samp1\$3) and minimiz\$7 with distort\$7 and alias\$7	US-PGPUB; USPAT	AND	ON	2010/09/02 19:50
S286	618	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") (sub\$1samp1\$3 or under\$1samp1\$3) with alias\$7	US-PGPUB; USPAT	AND	ON	2010/09/02 19:54
S287	1	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (sub\$1samp1\$3 or under\$1samp1\$3) with alias\$7 with adjust	US-PGPUB; USPAT	AND	ON	2010/09/02 19:54
S288	2	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (sub\$1samp1\$3 or under\$1samp1\$3) with alias\$7 with adjust\$7	US-PGPUB; USPAT	AND	ON	2010/09/02 19:55
S289	5	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (sub\$1samp1\$3 or under\$1samp1\$3) with alias\$7 with increas\$3 with (rate\$1 or frequenc\$3)	US-PGPUB; USPAT	AND	ON	2010/09/02 19:55
S290	248	((@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and (sub\$1samp1\$3 or under\$1samp1\$3)	US-PGPUB; USPAT	AND	ON	2010/09/02 19:59

		with alias\$7 with (rate\$1 or frequenc\$3)				
S291	261	(optimiz\$7 or optimis\$7) near5 alias\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 20:12
S292	3493	(degree\$1 near3 freedom) same sampl\$3	US-PGPUB; USPAT	AND	ON	2010/09/02 20:13
S293	1406	(degree\$1 near3 freedom) same sampl\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:13
S294	177	(control\$4) near5 alias\$3 same sampl\$3 (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") NOT Sorrells	US-PGPUB; USPAT	AND	ON	2010/09/02 20:17
S295	12	direct\$2 with (relat\$2 or relationship) with aliasing (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") NOT Sorrells	US-PGPUB; USPAT	AND	ON	2010/09/02 20:20
S296	252	function with (frequency or rate) with aliasing (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:23
S297	0	aliasing near2 function near5 (frequency or rate) with (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:23
S298	0	alias\$3 near3 function near5 (frequency or rate) with (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:23
S299	95	alias\$3 near3 function near5 (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:23
S300	138	(minimiz\$4 or minimis\$4) near2 alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 20:26
S301	1	sub\$1sampl\$3 same (minimiz\$4 or minimis\$4) near2 alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 21:02
S302	0	inverse with sub\$1sampl\$3 same (minimiz\$4 or minimis\$4) near2 alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 21:02
S303	53	inverse with alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 21:03
S304	35	sampl\$3 same2 inverse with alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 21:03
S305	1	indirect\$2 with alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	US-PGPUB; USPAT	AND	ON	2010/09/02 21:09

		@rlad<"20010326")				
S306	0	indirect\$2 with alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	USOCR	AND	ON	2010/09/02 21:09
S307	16	alias\$3 with (frequency or rate) (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326")	USOCR	AND	ON	2010/09/02 21:09
S308	1	"20020021719".pn.	US-PGPUB; USPAT	AND	ON	2010/09/02 21:30
S309	1	"5131013".pn.	US-PGPUB; USPAT	AND	ON	2010/09/02 21:31
S310	1	"5889857".pn.	US-PGPUB; USPAT	AND	ON	2010/09/02 21:31
S311	1	"20040057593".pn.	US-PGPUB; USPAT	AND	ON	2010/09/03 18:59
S312	0	software with adpatability with cost	US-PGPUB; USPAT	AND	ON	2010/09/03 20:22
S313	30201	software with cost	US-PGPUB; USPAT	AND	ON	2010/09/03 20:22
S314	5060	software with cost with reduc\$3	US-PGPUB; USPAT	AND	ON	2010/09/03 20:22
S315	3316	software with cost near2 reduc\$3	US-PGPUB; USPAT	AND	ON	2010/09/03 20:22
S316	1	"20030003863".pn.	US-PGPUB; USPAT	AND	ON	2010/12/17 15:59
S317	27	noise near3 inherent near3 channel and "375".clas.	US-PGPUB; USPAT	AND	ON	2010/12/18 18:24
S318	149	noiseless near3 channel and "375".clas.	US-PGPUB; USPAT	AND	ON	2010/12/18 18:27
S319	1	"4771438".pn.	US-PGPUB; USPAT	AND	ON	2010/12/18 23:27
S320	86	additive with noise with inherent\$3	US-PGPUB; USPAT	AND	ON	2011/06/19 17:17
S321	30	additive with noise with inherent\$3 and "375".clas.	US-PGPUB; USPAT	AND	ON	2011/06/19 17:17
S322	0	additive with noise with tempature	US-PGPUB; USPAT	AND	ON	2011/06/19 18:42
S323	65	additive with noise with temperature	US-PGPUB; USPAT	AND	ON	2011/06/19 18:43
S324	386	additive with noise with thermal	US-	AND	ON	2011/06/19

			PGPUB; USPAT			18:45
S325	213	additive with noise with thermal "375".das.	US- PGPUB; USPAT	AND	ON	2011/06/19 18:45
S326	1	"5297166".pn.	US- PGPUB; USPAT	AND	ON	2011/06/19 18:57
S327	15	thermal with noise with inherent\$2 with (channel or media or medium)	US- PGPUB; USPAT	AND	ON	2011/06/19 19:08
S328	2	("5297166" or "6414988").pn.	US- PGPUB; USPAT	AND	ON	2011/06/19 20:26
S329	1	"20040057593".pn.	US- PGPUB; USPAT	AND	ON	2011/06/21 15:12
S330	1	"6507603".pn.	US- PGPUB; USPAT	AND	ON	2011/06/21 15:12
S331	47	sampling with "without" with (spread\$3 with cod\$3 or prn or pn or pseudo)	US- PGPUB; USPAT	AND	OFF	2011/07/21 17:30
S332	8	sampling with "without" with (spread\$3 with cod\$3 or prn or pn or pseudo) and (cdma or dsss)	US- PGPUB; USPAT	AND	OFF	2011/07/21 17:30
S333	42	mixed with rate and sampl\$3 and cdma and @ad< "20020326"	US- PGPUB; USPAT	AND	OFF	2011/07/21 18:35
S334	12	mixed with rate same sampl\$3 and cdma and @ad< "20020326"	US- PGPUB; USPAT	AND	OFF	2011/07/21 18:35
S335	15	mixed with rate same sampl\$3 and cdma and @ad< "20020326"	US- PGPUB; USPAT	AND	ON	2011/07/21 18:35
S336	1	"5251218".pn.	US- PGPUB; USPAT	AND	ON	2011/07/21 18:45
S337	30	S333 not S335	US- PGPUB; USPAT	AND	OFF	2011/07/21 18:49
S338	403	cdma.ab. and symbol with rate with receiv\$3	US- PGPUB; USPAT	AND	ON	2011/07/21 19:50
S339	207	cdma.ab. and symbol with rate with receiv\$3 @ad< "20020326"	US- PGPUB; USPAT	AND	ON	2011/07/21 19:51
S340	116	cdma.ab. and symbol near rate with receiv\$3 @ad< "20020326"	US- PGPUB; USPAT	AND	ON	2011/07/21 19:51
S341	27	cdma.ab. and symbol near rate same sampl\$3 with receiv\$3 @ad< "20020326"	US- PGPUB; USPAT	AND	ON	2011/07/21 19:51
S342	63	cdma.ab. and symbol near rate with receiv\$3 @ad< "20020326" (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US- PGPUB; USPAT	AND	ON	2011/07/21 20:32

S343	15	cdma.ab. and symbol near rate same saml\$3 with receiv\$3 @ad<"20020326" (375/130,136,140,141-148,152 or 370/310,320,324,319,491).cds.	US- PGPUB; USPAT	AND	ON	2011/07/21 20:32
S344	0	(sub\$1saml\$3 or under\$1saml\$3 or sub\$1nyquist or under\$1nyquist) with minimum (@ad<"20010326" or @pd<"20010326") and pseudo (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT; EPO	AND	ON	2011/07/25 16:23
S345	3	(sub\$saml\$3 or under\$1saml\$3 or (under near saml\$3 or (sub near saml\$3)) with (nyquist or shannon)) and (@pd<"20010326" or @ad<"20010326" or @prad<"20010326" or @rlad<"20010326") and cdma and multi\$1carrier (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:24
S346	202	cdma.ab. and symbol with rate with receiv\$3 (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:24
S347	21	(sub\$1nyquist or ((sub or below or under or lower) near\$nyquist)) and cdma (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:24
S348	12	(sampling near3 (below or under or sub)) with (chip with (rate or frequency or time)) and cdma (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:25
S349	39	(saml\$3 with at with chip with rate) (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:25
S350	14	(saml\$3 with under with chip with rate) (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).cds.	US- PGPUB; USPAT	AND	ON	2011/07/25 16:25
S351	39	(saml\$3 same degree\$1 with freedom) (375/130,136,140,141- 148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or	US- PGPUB; USPAT	AND	ON	2011/07/25 16:27

		327/1,39,44,45).ccls.				
S352	6	(saml\$3 same innovat\$3 with (rate or frequency)) (375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls.	US-PGPUB; USPAT	AND	ON	2011/07/25 16:33

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S353	0	(375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls. (saml\$3 and greater with rate with innovat\$3 and carrier with less).clm.	USPAT; UPAD	AND	ON	2011/07/25 16:39
S354	0	(375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls. (saml\$3 and rate with innovat\$3 and carrier).clm.	USPAT; UPAD	AND	ON	2011/07/25 16:39
S355	0	(375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls. (saml\$3 and degree\$1 with freedom and carrier).clm.	USPAT; UPAD	AND	ON	2011/07/25 16:39
S356	0	(375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls. (saml\$3 and shannon and chip with rate and carrier).clm.	USPAT; UPAD	AND	ON	2011/07/25 16:40
S357	0	(375/130,136,140,141-148,152,240,240.01,240.21,354,355,E7.188 or 370/310,320,324,319,491 or 455/130,150.1,193.1 or 327/1,39,44,45).ccls. (saml\$3 and shannon and chip and carrier).clm.	USPAT; UPAD	AND	ON	2011/07/25 16:40

7/25/2011 4:42:18 PM

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